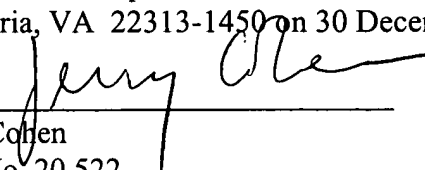




Atty. Docket No.: 11460-111
Application Ser. No.: 09/905,536
Reply to Office Action dtd. 30 September 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope with first-class postage addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 30 December 2003.


Jerry Cohen
Reg. No. 20,522

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Jerald P. DYKSTRA	Examiner:	Lam S. NGUYEN
Serial No:	09/905,536	Art Unit:	2853
Filed:	July 13, 2001	Confirmation:	3492
For:	GAS CLUSTER ION BEAM SIZE DIAGNOSTICS AND WORKPIECE PROCESSING		

PERKINS, SMITH & COHEN, LLP
One Beacon Street
Boston, MA 02108
(617) 854-4000

To: Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response (B) To Office Action Pursuant To 37 C.F.R. §1.111

Dear Sir:

This amendment/reply is being provided in response to the (non-final) Office Action dated 30 September 2003, for the above-captioned U.S. patent application. No additional fees are believed necessary for consideration of this amendment/reply. If the payment of such fees are deemed necessary, however, such fees are hereby authorized to be charged to our Deposit Account No. 03-2410, Order No. 11460-111.

Claims 1-34 are pending in the application. Applicant thanks the Examiner for noting the allowance of claims 11-20, 24-26 and 31-34, and the allowability of claims 6-10, 22-23 and 28.

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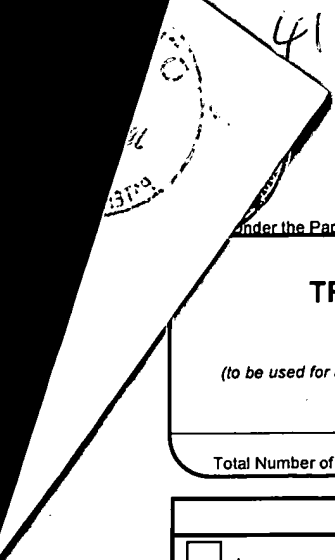
29. Through the Amendments and the Remarks that follow, the rejections of claims 1-5, 21, 27 and 30 noted in the Action are overcome. No new matter has been introduced by the amendments. The application is now considered in a condition for allowance.

Amendments to the Claims begin on page 3.

Remarks begin on page 19.

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2853



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/905,536
	Filing Date	July 13, 2001
	First Named Inventor	Jerald P. Dykstra
	Art Unit	2853
	Examiner Name	Lam S. Nguyen
Total Number of Pages in This Submission	Attorney Docket Number	11460-111

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jerry Cohen, Reg. No. 20,522
Signature	
Date	December 30, 2003

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Jerry Cohen
Signature	
Date	December 30, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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